Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 05 JUL 2006

Message Text

LIMITED OFFICIAL USE

PAGE 01 STATE 012071

67
ORIGIN OES-04

INFO OCT-01 NEA-09 ISO-00 AEC-05 INT-05 EB-07 AID-05 NSF-01

IO-10 CEQ-01 CIAE-00 INR-07 NSAE-00 RSC-01 /056 R

DRAFTED BY OES/SCI/BMP:AERICHMOND,JR.:LTG
APPROVED BY OES/SCI/BMP:AERICHMOND,JR.
AEC - MR. W. SAVAGE
NEA/EGY - MR. SEMAKIS
OES/SCI - MR. SIEVERING
OES/SCI - MR. MANSFIELD(INFO)
INT - DR. SLATER (INFO)
NEA/BLC - MR. DRAPER(INFO)
EB - MR. KOLB (INFO)
---------- 075958
P 172205Z JAN 75
FM SECSTATE WASHDC
TO AMEMBASSY CAIRO PRIORITY

LIMITED OFFICIAL USE STATE 012071

E.O. 11652: N/A
TAGS: EG, PFOR, JCUSEG
SUBJECT: JWGTRD - DESALTING PROPOSAL

1. DURING NOV 3-4 JWGTRD MEETING IT WAS TENTATIVELY AGREED THAT A TEAM WOULD VISIT EGYPT AS SOON AS POSSIBLE (HOPEFULLY WITHIN THREE MOS.) TO DISCUSS PREPARATION OF A CONCEPTUAL DESIGN OF A DESALTING PLANT. IN ORDER TO INITIATE DEVELOPMENT OF DESIGN,DATA LISTED BELOW RELATING TO THE SELECTED SITE IS REQUIRED:

DATA REQUIRED FOR CONCEPTUAL DESIGN OF DISTILLATION PLANT

1. SOIL BEARING CHARACTERISTICS OF SITE INCLUDING TYPE OF SOIL
2. WATER TABLE LOCATION
3. OFFSHORE SOUNDINGS TO A DISTANCE OF 1/2 MILE
LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 02 STATE 012071

4. DISTANCE FROM PLANT TO WATER

Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 05 JUL 2006

Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 05 JUL 2006

5. STORM OCCURANCE AND INTENSITY
6. TIDES AND CURRENTS
7. ABILITY TO CONSTRUCT DOCKING FACILITIES (BOTTOM CHARACTERISTICS)
8. TRANSPORTATION SYSTEMS AVAILABILITY AND ABILITY TO CARRY HEAVY LOADS
9. FRESH WATER AVAILABILITY FOR CONSTRUCTION AND START-UP.

10. GENERAL METEROLOGICAL CHARACTERISTICS INCLUDING TEMPERATURE, WINDS, SANDSTORMS, ETC.
11. ELECTRIC POWER AVAILABILITY & TYPE OF SERVICE
12. SEISMOLOGY OF REGION AND SITE.
13. FEEDWATER CHEMISTRY AND SEASONAL TEMPERATURE AND MARINE LIFE (ALGAE BLOOMS, JELLY FISH, ETC.) FLUCTUATIONS.
14. TOPOGRAPHY - LAND CONTOURS AND ELEVATIONS IN VICINITY OF PLANT SITE.
15. PRODUCT WATER TREATMENT AND STORAGE REQUIREMENTS.
16. COST OF MONEY (INTEREST DURING CONSTRUCTION).
17. AVAILABILITY AND PRODUCTIVITY OF LOCAL LABOR, SKILLS, AND LABOR RATES. (TO ESTIMATE PLANT ERECTION AND STARTUP COSTS).
18. COST OF TRANSPORTING EQUIPMENT, DUTIES AND TAXES FOR OVERSEAS LOCATION.
19. PLANT RELIABILITY REQUIREMENTS (WILL DETERMINE EQUIPMENT REDUNDANCY AND SPARE PARTS INVENTORY, POSSIBLY SELECTIONS OF MATERIALS OF CONSTRUCTION).
20. FUEL PRICE (NEEDED TO DESIGN EVAPORATOR FOR OPTIMUM PERFORMANCE RATION).

ADDITIONAL DATA REQUIRED TO COMPUTE PRODUCT WATER COST

1. DISCOUNT RATE
2. PLANT LIFETIME
3. MARKET VALUE OF BY-PRODUCTS OR PURCHASED ELECTRICITY
4. CHEMICAL COSTS (SULFURIC ACID, POLYPHOSPHATE, CHLORINE, ANTIFOAMING AGENT, ETC.)
5. OPERATING LABOR RATES
6. AVAILABILITY OF CONTRACT SERVICES (U.S. OR DOMESTIC)
LIMITED OFFICIAL USE

LIMITED OFFICIAL USE

PAGE 03 STATE 012071

2. REQUEST EMB REQUEST REQUIRED DATA FROM GOE. DRS. KAMAL EFFAT OF ATOMIC ENERGY ESTABLISHMENT AND AHMED EL-SHABASSY OF AGMIN, COORDINATORS FOR DESALTING AND AG AREAS MIGHT BE CONTACTED. EMB ALSO REQUESTED TO ESTABLISH DATE WHEN JOINT TEAM OF DESALTING TECHNICAL EXPERTS AGREED TO IN JWG MIGHT BE ABLE TO CONVENE IN EGYPT. KISSINGER

Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 05 JUL 2006

Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 05 JUL 2006

LIMITED OFFICIAL USE

NNN

Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 05 JUL 2006

Message Attributes

Automatic Decaptioning: X
Capture Date: 01 JAN 1994
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: SCIENTIFIC VISITS, COMMITTEE MEETINGS
Control Number: n/a
Copy: SINGLE
Draft Date: 17 JAN 1975
Decaption Date: 01 JAN 1960
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Authority: buchant0
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 28 MAY 2004
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1975STATE012071
Document Source: CORE
Document Unique ID: 00
Drafter: AERICHMOND,JR.:LTG
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Film Number: D750019-0560
From: STATE
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1975/newtext/t19750141/aaaabjwr.tel
Line Count: 115
Locator: TEXT ON-LINE, ON MICROFILM
Office: ORIGIN OES
Original Classification: LIMITED OFFICIAL USE
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators: n/a
Previous Classification: LIMITED OFFICIAL USE
Previous Handling Restrictions: n/a
Reference: n/a
Review Action: RELEASED, APPROVED
Review Authority: buchant0
Review Comment: n/a
Review Content Flags:
Review Date: 01 AUG 2003
Review Event:
Review Exemptions: n/a
Review History: RELEASED <01 AUG 2003 by ShawDG>; APPROVED <23 DEC 2003 by GolinoFR>; APPROVED <23 DEC 2003 by buchant0>
Review Markings:

Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
05 JUL 2006

Review Media Identifier:
Review Referrals: n/a
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
Secure: OPEN
Status: NATIVE
Subject: JWGTRD - DESALTING PROPOSAL
TAGS: PFOR, EG, USEGJC
To: CAIRO
Type: TE
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 05 JUL 2006